



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

APR 7 2000

400 Seventh Street, S.W.  
Washington, D.C. 20590

DOT-E 6805  
(FIFTH REVISION)

EXPIRATION DATE: March 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Praxair, Inc.  
Danbury, CT

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

- a. This exemption authorizes the transportation in commerce of certain flammable compressed gas mixtures using DOT Specification 3AAX steel cylinders. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
- b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.301(d) and 173.302(a)(3).

5. BASIS: This exemption is based on the application of Praxair dated March 6, 2000, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Mixtures of nitrogen, hydrogen, carbon monoxide, carbon dioxide, methane, ethane or propane/Compressed gases, flammable, n.o.s.	2.1	UN1954	N.A.
Mixtures of nitrogen, hydrogen, carbon monoxide, carbon dioxide, methane, ethane or propane/Compressed gases, toxic, flammable, n.o.s.*	2.3	UN1953	N.A.

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a DOT Specification 3AAX steel cylinder having a service pressure of 2400 psi.

b. OPERATIONAL CONTROLS -

(1). Manifolding in accordance with §173.301(d) is authorized.

(2). Mixture containing carbon monoxide may not exceed 2000 psig at 70°F.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

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c. If a mixture containing carbon monoxide meets §§ 173.115(c) and 173.116(a), the mixture must meet the requirements for materials that are poisonous by inhalation in addition to any requirements of this exemption.

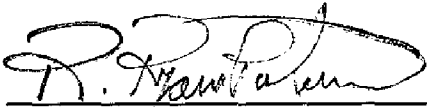
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: No additional requirement as part of the exemption.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
  - o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



*for* Robert A. McGuire  
Acting Associate Administrator for  
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for  
Hazardous Materials Safety, Research and Special Programs  
Administration, Department of Transportation, Washington, D.C.  
20590.

Attention: DHM-31.


The original of this exemption is on file at the above office.  
Photo reproductions and legible reductions of this exemption  
are permitted. Any alteration of this exemption is  
prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S.  
Department of Transportation, 400 7th Street, S.W.,  
Washington, DC 20590-0001, Attention: Records Center, 202-366-  
5046.

PO: KFW

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Advanced Gas Technologies, Inc., Palm, PA	Feb 16, 2001	FEB 16 2001	Mar 31, 2002
Air Products and Chemicals, Inc. Allentown, PA	Jan 5, 2000	Apr 7, 2000	Mar 31, 2002
Air Liquide America Corp. Houston, TX	Feb 28, 2000	Apr 7, 2000	Mar 31, 2002
BOC Gases Murray Hill, NJ	Feb 3, 2000	Apr 7, 2000	Mar 31, 2002
Gas Tech, Inc. Hillside, IL	Jun 9, 2000	Jul 11, 2000	Mar 31, 2002
Praxair Distribution Southeast, LLC Tequesta, FL	Aug 17, 2000 & Sep 18, 2000	Sep 26, 2000	Mar 31, 2002

  
for Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety